

TECHNOLOGY TRANSFER IN SOFTWARE ENGINEERING

Dr. Peter C. Bishop
University of Houston-Clear Lake

The University of Houston-Clear Lake is the prime contractor for the AdaNET Research Project under the direction of NASA Johnson Space Center. AdaNET was established to promote the principles of software engineering to the software development industry. AdaNET will contain not only environments and tools, but also concepts, principles, models, standards, guidelines and practices. Initially, AdaNET will serve clients from the U.S. government and private industry who are working in software development. It will seek new clients from those who have not yet adopted the principles and practices of software engineering. Some of the goals of AdaNET are to become known as an objective, authoritative source of new software engineering information and parts, to provide easy access to information and parts, and to keep abreast of innovations in the field.

PRECEDING PAGE BLANK NOT FILMED

Mission

AdaNET is an electronic distribution network
(the electronic marketplace)

for software engineering

where those in the field

can exchange information and engineering parts.

AdaNET will also

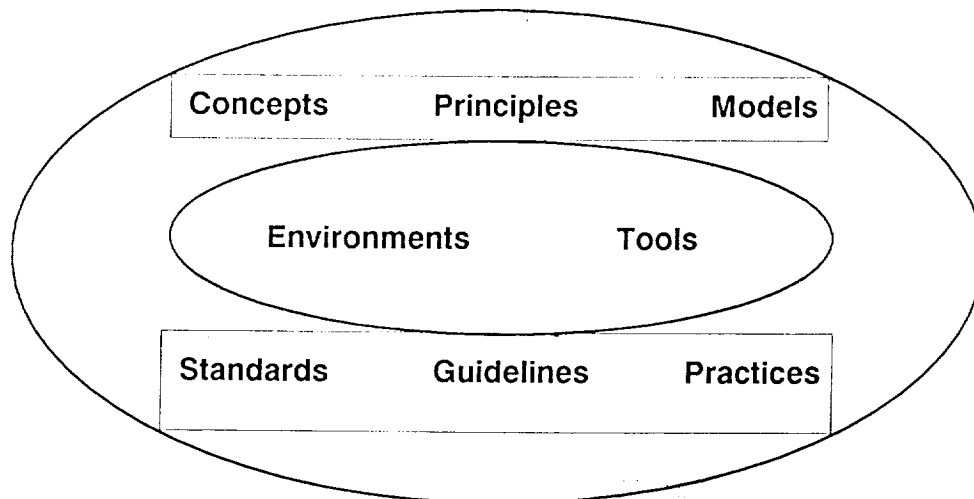
promote the principles of software engineering

to the rest of the software development industry

as a way to increase the scope of its network.

Contents

AdaNET will contain the following information and parts:



Clients

AdaNET will serve clients

from U.S. government and private industry
who are working in software development.

AdaNET will seek new clients

from the software development industry
who have not yet adopted the principles and
procedures of software engineering.

AdaNET will initially concentrate on clients

in manufacturing and administrative (MIS)
computer systems.

Goals

AdaNET will maintain the highest reputation for quality
in its research, its products and its services.

AdaNET will become known as an objective,
authoritative source of new software engineering
information and parts.

AdaNET information and parts will be easy to obtain
and easy to use.

AdaNET will be continually changing
to keep abreast of innovations in the field.

Success

AdaNET will provide its clients

demonstrated benefit
at reasonable cost.

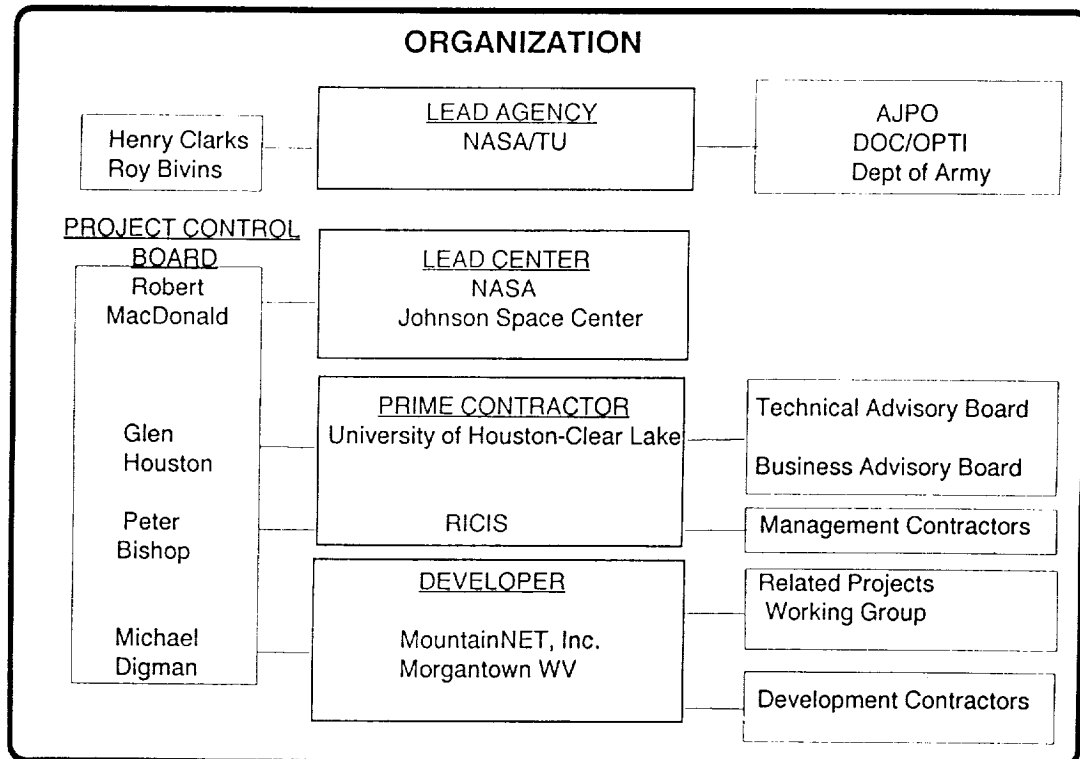
AdaNET will stress

how effectively and
how efficiently
it fulfills its mission.

AdaNET will support itself

through the sale of products and services and
through continuing research contracts.

ORGANIZATION



HISTORY

Milestones

September	1987	Unsolicited proposal submitted
October	1987	Revised proposal accepted
August	1988	Final draft report submitted NASA briefing to sponsors
October	1988	Work begins under new WBS

